

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Transmittal

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450
 Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: Cary L. Bates, et al.

For: **METHOD AND APPARATUS FOR EFFICIENTLY DEVELOPING ENCODED INSTRUCTIONS BY TRACKING MULTIPLE UNVERIFIED INSTANCES OF REPETITIVE CODE SEGMENTS**

ASSIGNEE NAME: International Business Machines Corporation

ASSIGNEE RESIDENCE: Armonk, New York

16834 U.S.PTO
 10720961


Enclosed are:

- 27 Pages of Specification and 1 Abstract
- 7 Sheets of Drawings
- A Declaration and Power of Attorney
- An Information Disclosure Statement and form PTO/SB/08A
- A certified copy of
- An Assignment of the invention to International Business Machines Corporation, Armonk, New York 10504 and Recordation form PTO-1595

The filing fee has been calculated as follows:

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	18 -20 =	0
Indep. Claims	3 -3 =	0
<input type="checkbox"/> Multiple Dependent Claim Presented		

Other Than Small Entity	
Rate	Fee
	\$ 770.00
x \$18.00=	0.00
x \$86.00=	0.00
\$290.00	\$ 0.00
TOTAL	\$ 770.00

EXPRESS MAIL CERTIFICATE

Express Mail Label No.: EU163621370US

Date: November 24, 2003

I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Susan K. Berge

Susan K. Berge

Patent Application Transmittal
 Attorney Docket No.: ROC920030211US1

Deposit Account Authorization:

- Please charge Deposit Account No. 09-0465 in the amount of \$770.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0465. A duplicate copy of this sheet is enclosed.
 - Any additional filing fees required under 37 C.F.R. §1.16.
 - Any patent application processing fees under 37 C.F.R. §1.17.

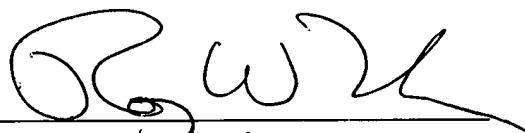
Respectfully submitted,

CARY L. BATES, et al.

Date: November 24, 2003

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By



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